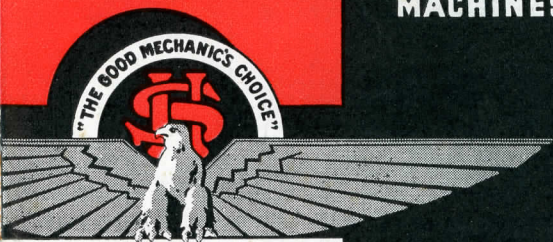


Electrically driven

**DRILLS
GRINDERS
BUFFERS**

**FLEXIBLE SHAFT
MACHINES**



**THE UNITED STATES
ELECTRICAL TOOL CO.**

CINCINNATI, OHIO, U. S. A.

CATALOGUE 44

NATIONAL ELECTRIC TOOL COMPANY

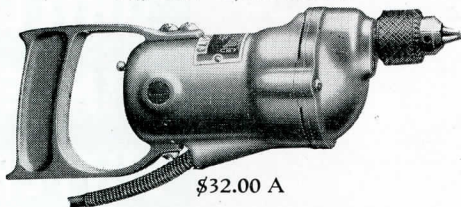
560 W. WASHINGTON BLVD.

CHICAGO, ILLINOIS



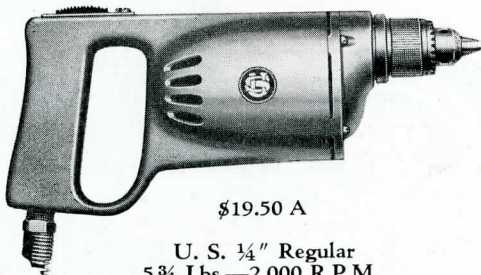
"The Good Mechanic's Choice"

U. S. $\frac{1}{4}$ " Midget
 $3\frac{1}{2}$ Lbs.—2,000 R.P.M.



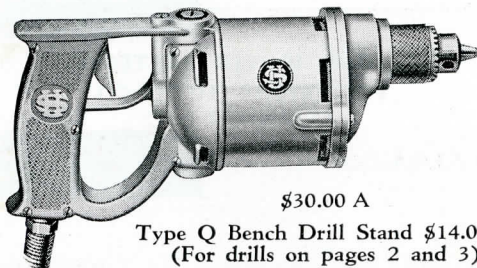
\$32.00 A

U. S. $\frac{1}{4}$ " Automatic
4 Lbs.—2,000 R.P.M.



\$19.50 A

U. S. $\frac{1}{4}$ " Regular
 $5\frac{3}{4}$ Lbs.—2,000 R.P.M.



\$30.00 A

Type Q Bench Drill Stand \$14.00 A
(For drills on pages 2 and 3)

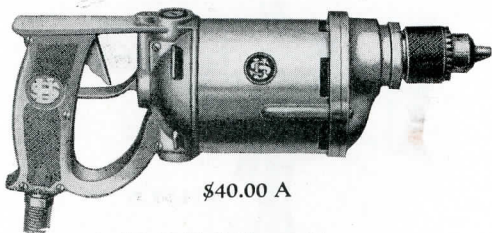
Above drills are equipped with universal motors, ball bearings, 15' 3 conductor rubber covered cable.

UNITED STATES ELECTRICAL TOOLS

"The Good Mechanic's Choice"

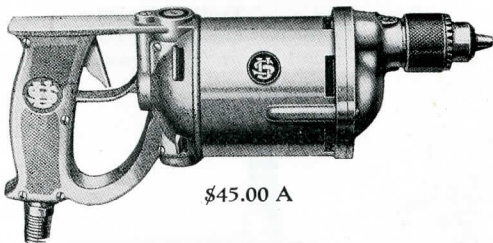


U. S. $\frac{1}{4}$ " Heavy Duty
7 Lbs.—2,000 R.P.M.



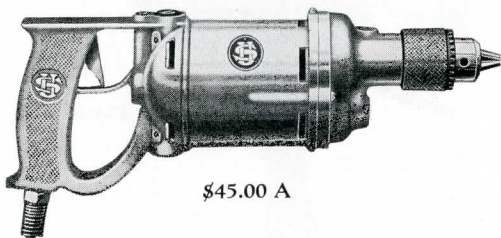
\$40.00 A

U. S. $\frac{5}{16}$ " Heavy Duty
7 $\frac{1}{4}$ Lbs.—1,000 R.P.M.



\$45.00 A

U. S. $\frac{3}{8}$ " Special
9 Lbs.—750 R.P.M.



\$45.00 A

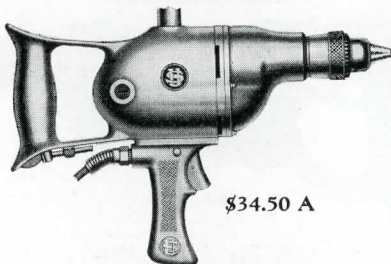
Above drills are equipped with universal motors, ball bearings, 15' 3 conductor rubber covered cable.

UNITED STATES ELECTRICAL TOOLS



"The Good Mechanic's Choice"

U. S. $\frac{1}{2}$ " Commander
11 Lbs.—450 R.P.M.



\$34.50 A

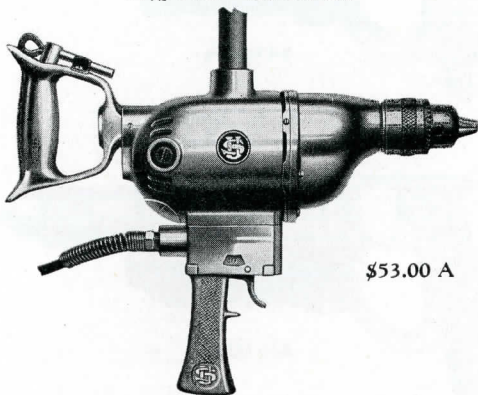
U. S. Bench Stand

Type 1-B for $\frac{1}{2}$ " Drills—\$22.00 A

Type 1 $\frac{1}{2}$ for $\frac{5}{8}$ " Drills—\$28.00 A

(Bench Drill Stand shown on opposite page)

U. S. $\frac{1}{2}$ " Special
14 $\frac{1}{2}$ Lbs.—450 R.P.M.

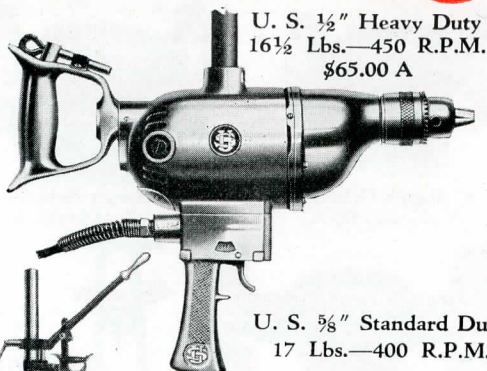


\$53.00 A

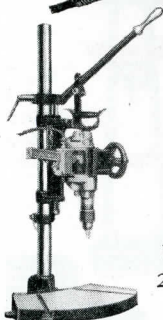
Above drills are equipped with universal motors, ball bearings, 15' 3 conductor rubber covered cable.

UNITED STATES ELECTRICAL TOOLS

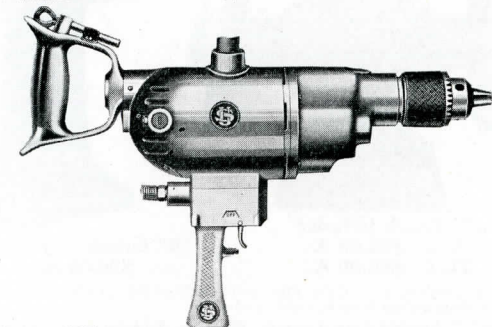
"The Good Mechanic's Choice"



U. S. $\frac{1}{2}$ " Heavy Duty
16 $\frac{1}{2}$ Lbs.—450 R.P.M.
\$65.00 A



U. S. $\frac{5}{8}$ " Standard Duty
17 Lbs.—400 R.P.M.
\$68.00 A



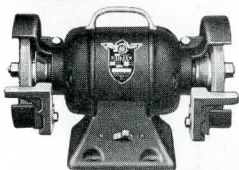
U. S. $\frac{5}{8}$ " Heavy Duty
23 $\frac{1}{2}$ Lbs.—400 R.P.M.
\$75.00 A

Above drills are equipped with universal motors, ball bearings, 15' 3 conductor rubber covered cable.

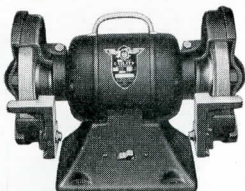
UNITED STATES ELECTRICAL TOOLS



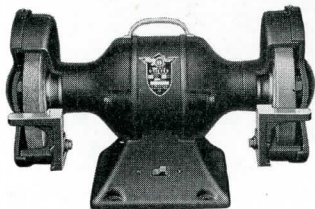
"The Good Mechanic's Choice"



6" Bench Grinder
A. C. \$23.00 A



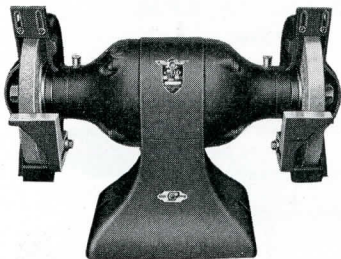
7" Bench Grinder
A. C. \$38.00 A



8" Bench Grinder
A. C. \$58.00 A
D. C. \$60.00 A



**6", 7"
and 8"
Grinder
Pedestal**
\$15.00 A



10" Bench Grinder
A. C. \$88.00 A
D. C. \$92.00 A



10" Grinder Pedestal
\$26.00 A

Above grinders are totally enclosed ball bearing motors complete with two grinding wheels, cable and plug.

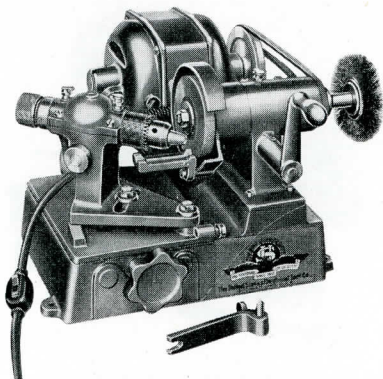
6" and 7" furnished for 110 volt, 60 cycle, 1 phase only. 8" and 10" furnished for 110, 220 volt D.C.; 110, 220, 440 volt, 50 or 60 cycle, 1—2 or 3 phase A.C.

UNITED STATES ELECTRICAL TOOLS

"The Good Mechanic's Choice"



U. S. Model VR4 Valve Refacer



Model "VR4"—\$95.00 A

THE Model "VR4" valve refacer is equipped with sturdy motor, which drives the grinding spindle through "V" type belt. The chucking spindle is driven from the same motor. This drives a flexible shaft, transmitting the power to a worm gear drive.

The grinding quill is moved across the valve by lever feed; speeding the work, and the valve is fed into the wheel with a screw feed.

Valves may be ground at any desired angle from 30° to 60°, inclusive.

The grinding spindle is mounted on Ball Bearings, ground to closest limits; special chuck gripping the valve up to $\frac{9}{16}$ " stem at a point one inch from the head, assures a proper fit on the ground seating surface.

Standard equipment includes diamond wheel dresser, "V" block, and 15 feet of rubber covered cable.

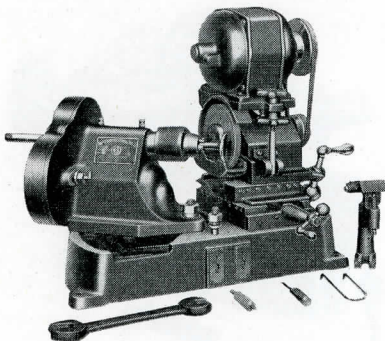
When ordering, please specify current characteristics.

UNITED STATES ELECTRICAL TOOLS



"The Good Mechanic's Choice"

U. S. Model VR3 Valve Refacer



Model "VR3"—\$145.00 A

THE Model "VR3" valve refacer is equipped with two motors; the one driving the chuck is universal and will operate on either A. C. or D. C., the other is polyphase, and the current must be specified.

This valve refacer is designed to take any valve with stem of $\frac{5}{8}$ " diameter or less, any length stem valve heads up to 6" diameter, can be set for any angle valve 15 to 90 degrees.

The grinding wheel spindle runs on S. K. F. ball bearings and is driven through fabric belt from the driving unit mounted on common base with the spindle housing.

The valve holding spindle is belted to driving motor; this insures smooth operation.

Standard equipment includes diamond wheel dresser, cutter grinding indexing support and electrical connections complete.

Rocker arm grinding attachment complete with $\frac{17}{32}$ — $\frac{7}{8}$ — $\frac{63}{64}$ and 1" bushings.....\$ **7.00 A**

Attachment with micrometer adjustment for grinding ends of all late model Ford valve stems..... **10.00 A**

Tappet grinding attachment..... **1.00 A**

Valve refacer table with valve rack..... **20.00 A**

Above machine fitted with $\frac{3}{4}$ " chuck..... **160.00 A**

Above machine fitted with 1" chuck..... **165.00 A**

UNITED STATES ELECTRICAL TOOLS

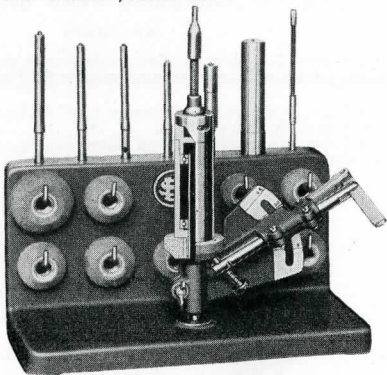
"The Good Mechanic's Choice"



**U. S. Valve Seat Grinder Set
No. 2000—\$66.00 A**

NOTE

Any $\frac{1}{4}$ " high-speed electric drill can be used with above set, but to obtain maximum efficiency and greatest wheel life, the use of the U. S. High-Speed Driver is recommended. (Illustrated below.)



SIMPLICITY—SPEED—ACCURACY are features of this low cost valve seat grinder . . . the greatest value ever offered for grinding both hard and soft valve seats quickly and accurately. Furnished complete with:

- 6 45° valve seat grinding wheels ($1\frac{1}{2}$ ", $1\frac{5}{8}$ ", $1\frac{7}{8}$ ", 2", $2\frac{1}{4}$ ", $2\frac{1}{2}$ ").
- 1 Ford V-8 pilot.
- 5 Expanding pilots $\frac{5}{16}$ ", $\frac{11}{32}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ " and Ford A.
- 1 Universal valve guide cleaner.
- 1 U. S. "Ball Bearing" valve seat grinding machine.
- 1 Flexible driving member.
- 1 Diamond dressing tool graduated for truing valve seat grinding wheels of 15, 30, 45 and 90° angles.
- 1 Combination wheel and pilot guide rack.

**U. S. Ball Bearing High-Speed Driver
\$40.00 A**



The U. S. High-Speed Driver is for use with the U. S. Valve Seat Grinding Set No. 2000 for reconditioning hardened valve seats. The electric driver operates at 8000 R. P. M. The motor is universal for operation on direct current or alternating current of 60 cycles or less. Weight 7 lbs.

UNITED STATES ELECTRICAL TOOLS



"The Good Mechanic's Choice"

U. S. Adjustable Valve Seat Pilots

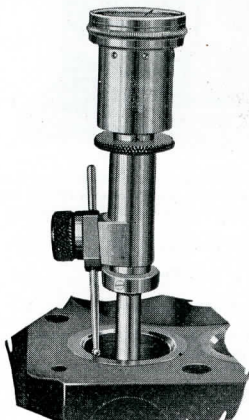
No. SG23



The Pilots will expand practically $\frac{1}{32}$ of an inch and will therefore cover all sizes and oversizes.

The pilots are made in eleven sizes— $\frac{5}{16}$, $\frac{11}{32}$, $\frac{3}{8}$, $\frac{13}{32}$, $\frac{7}{16}$, $\frac{15}{32}$, $\frac{1}{2}$, $\frac{9}{16}$. Ford A & B, Ford V-8, Reo Short.

Price \$4.00 each A



U. S. Valve Seat Indicator

No. SG25

The U. S. Valve Seat Indicator should be used to check for accuracy in Valve Seats. It fits over the Pilot and can be adjusted to any size Valve Seat with ease. The Indicator is very accurate and will show within .001 of an inch just how much the Seat is out of true.

Price packed in Wood Case

\$15.00 A

Price-List of U. S. Valve Seat Grinding Wheels No. S. G. 24

For use on Cast Iron, Alloy Steel, High Speed Steel, Steelite, etc. (either hardened or natural state).

The following sizes in either 30, 45, or 50 degrees:

Size, inches	Rough- ing	Finish- ing	Size, inches	Rough- ing	Finish- ing
$1\frac{1}{16}$ to 2	\$2.00 A	\$2.00 A	$2\frac{9}{16}$ to $2\frac{3}{4}$	\$3.00	\$3.00
$2\frac{1}{8}$ to $2\frac{1}{2}$	2.50	2.50			

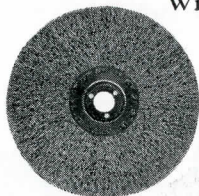
For Valve Seats requiring 90-degree Grinding Wheels, use the reverse side of the Grinding Wheel.

Different size wheels can be furnished upon application.

UNITED STATES ELECTRICAL TOOLS



Wire Wheels No. 834



Per 1/2" Section	(D)
3"	\$1.00
4"	1.00
5"	1.25
6"	1.50
7"	1.50
8"	1.50
10"	1.80
12"	2.00
15"	2.50

Specify size of hole required and number of sections wanted.

Rotary Carbon Cleaning Brushes

No.	Dia.	Size Shank	(A)
A-2	1 1/8"	1/4"	\$1.15
A-4	7/8"	1/4"	1.50
A-5	1 1/2"	1/4"	1.50



A2



A4



A5

Valve Guide Cleaning Brushes

For Use with Electric Drill

Specification and List Price

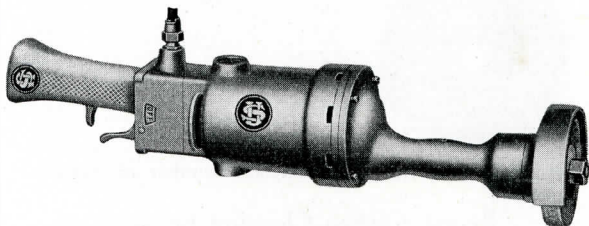
No.	Dia.	(A)	No.	Dia.	(A)
A-10	5/16"	\$1.00	A-15	1/2"	\$1.00
A-11	11/32"	1.00	A-16	9/16"	1.00
A-12	3/8"	1.00	A-17	5/8"	1.00
A-13	13/32"	1.00	A-18	19/32"	1.00
A-14	7/16"	1.00	A-19	1 1/32"	1.00





"The Good Mechanic's Choice"

U. S. Portable Surface Grinders



Price All Voltages

2½"	Universal Motored ⅕ H. P.....	\$ 45.00 A
4"	Universal Motored ¼ H. P.....	60.00 A
5"	Universal Motored ⅓ H. P.....	80.00 A
6"	Universal Motored ½ H. P.....	100.00 A
8"	Universal Motored 1 H. P.....	145.00 A

THE universal grinders listed above are for operation on direct or alternating current of 60 cycles or less. The above grinders embody the high standards found in U. S. Electric Drills, together with the best electrical and mechanical standards in grinder design and construction.

Motors, 40°; Bearings, S. K. F. Ball; quick make, quick break switch. Complete with wheel, wheel guard, 15 feet rubber covered cable, 2-piece armored attachment plug.

	Diam., In.	Lbs.	R. P. M.	Wheels, In.	Exten. In.
2½" Universal..	4 x18	10	8800	2½ x 1½ x 1½	6
4" Universal..	4½ x19	11	5000	4 x ¾ x 1½	8
5" Universal..	5 x25	18	4200	5 x1 x 5/8	12
6" Universal..	6 x30	23	3600	6 x1 x 5/8	12
8" Universal..	7 x30	53	3100	8 x1 x 5/8	12

Three-wire cable standard equipment.

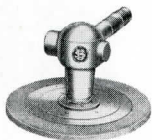
UNITED STATES ELECTRICAL TOOLS

"The Good Mechanic's Choice"



U. S. "V" Belt Drive Flexible Shaft Machines

All Ball Bearing



213-A—1 to 1
ratio.....\$40.00 A

213-B—1½ to
1 ratio..... 45.00 A

213-C—2 to 1
ratio..... 45.00 A

7" Flexible Pad
for above... 7.00 A

9" Flexible Pad
for above... 9.00 A

Flexible Pad prices are
in addition to the Hand
Piece.

Type 8700—8750—8800

FOUR Speeds of 950—1250—2400—3600 are furnished on this machine. You have in this way the proper speed for any job. The motor and driven shaft are equipped with ball bearings, as is the hand piece.

Type No.	H.P.	Shaft No.	Arbor Size	Length of Shaft	Core Dia.	Price A.C.
8700	¼	10	5/8x1"	5½'	7/16	\$135.00 A
8750	½	12	5/8x1"	5½'	1/2	174.00 A
8800	1	15	5/8x1¼"	6½'	5/8	221.00 A

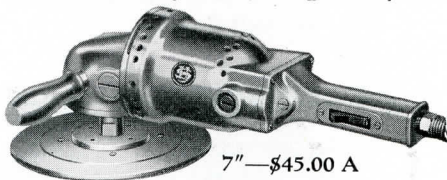
If the Ball Bearing Hand Piece is not needed, only the Right Angle Hand Piece being used, deduct from the price of each machine 10% and add cost of Right Angle Hand Piece.

UNITED STATES ELECTRICAL TOOLS



"The Good Mechanic's Choice"

U. S. Ball Bearing Disc Sanders 7" Utility Sander—Light Duty



7"—\$45.00 A

Specifications

Motor, Universal, operates on direct or alternating current of the same voltage, 60 cycles or less, 32, 110, 220 or 250 volts.
Speed, Under Load—7", 2200 R. P. M.

Weight—8½ lbs.

Spindle diameter and thread— $\frac{5}{8}$ "—16 thread.

Bearings—Ball throughout.

Gears—Right angle spiral tooth.

Equipment—Fifteen feet flexible rubber covered cable with attachment plug, flexible disc pad.

Also four each No. 16, No. 36 and No. 50 grit abrasive discs.

7" and 9" Right Angle Sander Heavy Duty



7"—\$70.00 A

9"— 88.00 A

Specifications

Motor, Universal, operates on direct or alternating current of the same voltage, 60 cycles or less, 32, 110, 220 or 250 volts.

Speed, Under Load—7", 3800 R. P. M.; 9", 2700 R. P. M.

Weight—7", 10 lbs.; 9", 12½ lbs.

Spindle diameter and thread— $\frac{5}{8}$ "—16 thread.

Bearings—Ball throughout.

Gears—Right angle spiral tooth.

Equipment—Fifteen feet flexible rubber covered cable with attachment plug, flexible disc pad.

Also four each No. 16, No. 36 and No. 50 grit abrasive discs.

Extra Sanding Disc

7"—\$0.30 each. A

9"— .40 each. A

Packages of 5 of same size and grade:

7"—\$1.35 per package. A

9"— 1.80 per package. A

UNITED STATES ELECTRICAL TOOLS

"The Good Mechanic's Choice"

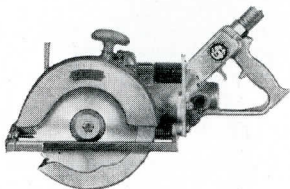
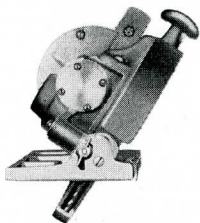


New U. S. Portable Electric Saws Ball Bearing

Patent No. 17087, other patents applied for.

U. S. Portable Electric Saws are made in six sizes, 6", 7", 8", 9", 10" and 11". They embody all the high standards so well known to the U. S. Line. They are light in weight, yet their sturdy construction will withstand the most severe usage.

Automatic Telescoping Safety Guard All Ball Bearing



1 $\frac{7}{8}$ ". 6" Saw. **\$65.00 A**
Tilting Base—0° to 45°
Speed—3750 R. P. M.
Weight—10 $\frac{1}{2}$ lbs.
Depth Capacity, 1 $\frac{7}{8}$ ".

2 $\frac{1}{8}$ ". 7" Saw. **\$95.00 A**
Speed—4000 R. P. M.
Weight—20 lbs.
Depth Capacity, 2 $\frac{1}{8}$ ".

2 $\frac{1}{2}$ ". 8" Saw. **\$123.00 A**
Speed—5000 R. P. M.
Weight—26 $\frac{1}{4}$ lbs.
Depth Capacity, 2 $\frac{1}{2}$ ".

3". 9" Saw. **\$132.00 A**
Speed—4400 R. P. M.
Weight—26 $\frac{1}{2}$ lbs.
Depth Capacity, 3".

3 $\frac{1}{2}$ ". 10" Saw. **\$140.00 A**
Speed—4200 R. P. M.
Weight—29 $\frac{1}{4}$ lbs.
Depth Capacity, 3 $\frac{1}{2}$ ".

4". 11" Saw. **\$154.00 A**
Speed—4000 R. P. M.
Weight—30 $\frac{1}{4}$ lbs.
Depth Capacity, 4".

Equipment—Electric saw with metal carrying case, 1 combination blade, saw wrench, grease gun filled with grease.

Above saws comply with bulletin No. 202, Ohio Safety Code for portable power-driven saws.

UNITED STATES ELECTRICAL TOOLS



"The Good Mechanic's Choice"

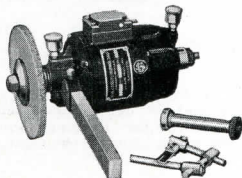
U. S. Tool Post Grinders

Type and
H.P.

Wheel

Price

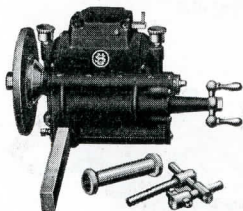
R — $\frac{1}{4}$	$6 \times \frac{3}{8}$	\$65.00 B
RA — $\frac{1}{4}$	$6 \times \frac{3}{8}$	50.00 B
RR — $\frac{1}{2}$	$8 \times \frac{3}{4}$	90.00 B
RRA — $\frac{1}{2}$	$8 \times \frac{3}{4}$	85.00 B



R and RR for Direct Current; RA and RRA for Alternating Current.

U. S. Horizontal Feed Tool Post Grinder

Alternating and Direct
Current



Type	H.P.	Weight, lbs.	Speed	Wheel Size, In.	Horizontal Feed, In.	Dimensions, in.	Price
H	$\frac{1}{4}$	24	3500	$6 \times \frac{3}{8} \times \frac{1}{2}$	$2 \frac{3}{4}$	5 x 11	\$ 75.00 B
HA	$\frac{1}{4}$	32	3400	$6 \times \frac{3}{8} \times \frac{1}{2}$	$2 \frac{3}{4}$	$5 \frac{1}{2} \times 9$	70.00 B
JH	$\frac{1}{2}$	63	3000	$8 \times \frac{3}{4} \times \frac{5}{8}$	$5 \frac{1}{2}$	$6 \frac{1}{2} \times 13$	105.00 B
JHA	$\frac{1}{2}$	60	3400	$8 \times \frac{3}{4} \times \frac{5}{8}$	$5 \frac{1}{2}$	$6 \frac{3}{4} \times 13 \frac{1}{2}$	100.00 B

Completely equipped as shown above, ready for work. Types H and JH are for direct current. Types HA and JHA are for operation on alternating current.

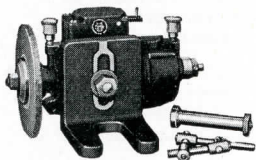
U. S. Angle Plate Grinders

Type and
H.P.

Wheel

Price

HB — $\frac{1}{4}$	$6 \times \frac{3}{8}$	\$70.00 B
HBA — $\frac{1}{4}$	$6 \times \frac{3}{8}$	65.00 B
HBB — $\frac{1}{2}$	$8 \times \frac{3}{4}$	100.00 B
HBBA — $\frac{1}{2}$	$8 \times \frac{3}{4}$	95.00 B

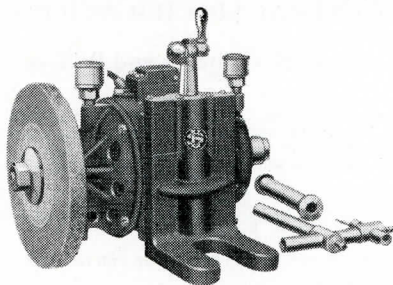


HB and HBB for direct current; HBA and HBBA for alternating current.

Above machines completely equipped as shown with wheel, internal attachment, cutter grinding index, cable and plug.

UNITED STATES ELECTRICAL TOOLS

"The Good Mechanic's Choice"



U. S. Vertical Feed Angle Plate Grinders

ONE-HALF to 7½ H.P., inclusive, alternating or direct current. Completely equipped as shown above, ready to attach to lathe. The one H. P. and larger grinders are not equipped with internal grinding attachment or index. Wheel is furnished on all sizes except the 3 H. P. and larger. Types JA, JKA, MA, MMA, HDAG, 18 and 20 are for operation on alternating current. Types J, JK, M and MM are for operation on direct current. The 2 H. P. to and including 7½ H. P. alternating current machines are furnished for 2 or 3 phase only.

Type	H.P.	Weight, lbs.	Speed	Wheel, Size, In.	Vertical Feed, In.	Dimensions, In.	Price
J	½	60	3000	8x ¾x ⅝	3	6½x13	\$110.00B
JA	½	65	3400	8x ¾x ⅝	3	8 x13	105.00B
JK	1	94	2400	10x1 x ⅞	5	7½x15½	150.00B
JKA	1	97	1750	10x1 x ⅞	5	9 x15½	140.00B
M	2	120	2050	12x1¼x ⅞	5	8½x18½	255.00C
MA	2	125	1750	12x1¼x ⅞	5	10 x18½	240.00C
MM	3	205	1450	14x1½x1⅞ Recom'd	5	10 x28	310.00C
MMA	3	210	1750	14x1½x1⅞ Recom'd	5	13 x28	290.00C
18							
HDAG	5	740	1150	18x3 x2 Recom'd	10	15½x22¾	425.00C
20							
HDAG	7½	795	1150	20x3 x2¼	10	15½x24½	510.00C

The specifications given above for 5 and 7½ H. P. sizes are for alternating current only. Direct current specifications furnished upon application. The above grinders ½ to 3 H. P., inclusive, can be furnished with vertical and horizontal feed at 20% additional charge.

UNITED STATES ELECTRICAL TOOLS



"The Good Mechanic's Choice"

GENERAL SPECIFICATIONS

for U. S. Grinders and Buffers

ALL spindles are made of the finest manganese steel, and are ground to size at bearing mounting. Bronze flange nuts are furnished on each end of all buffers and polishers, 2 H. P. and larger. This is done to safeguard shaft threads from wear.

Bearings are S. K. F. Ball, mounted according to the best engineering practice, and protected from dust by labyrinth seal without and the latest type S. K. F. Seal within.

Light, clean oil should always be used on ball bearings.

Four rows of bearings are used where shaft is of sufficient length to require it.

Wheel should be maintained as nearly at perfect balance as possible. If this is done, and the oiling precautions are observed, U. S. equipment will last almost indefinitely.

The motors are capable of heavy duty service, built to N. E. M. A. standards, and are rated for continuous service at full load with a temperature rise of 40 degrees.

Push button control with overload cutout and no voltage release is furnished on all motors of 2 H. P. and larger. Smaller motors are provided with sturdy quick make, quick break switches; conveniently located.

Guards on grinders, 10" and larger, are of the three-piece adjustable type, adjustable to wheel wear. The exhaust connections are stationary, irrespective to the adjustment of wear of wheel. Guards on smaller grinders are of the solid type. All guards are constructed to meet requirements of A. E. S. Safety Code.

For cast steel guards on grinders, 2 H. P. and larger, either A. C. or D. C., add 5% of A. C. price; for boiler plate guards, add 15% of A. C. price.

Castings carry ample weight and are balanced so that they allow for a minimum of vibration.

Wheels are furnished on the 6", 7", 8", and 10" grinders only; one coarse and one fine wheel on each machine.

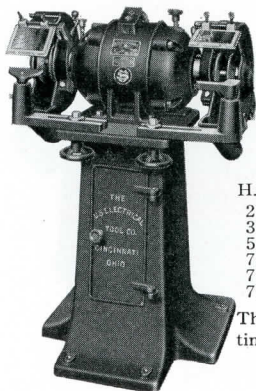
Machines of 2 H. P. capacity and larger furnished for 220, 440, 550 volts, 2 or 3 phase circuit, A. C.; also 110, 220 volts, D. C. For other than 50 or 60 cycle, increase price ten per cent. For single phase, increase price twenty-five per cent.

When ordering **ALWAYS** state voltage for Direct Current, and for Alternating Current state voltage, cycle and phase. Specify type or model of unit.

UNITED STATES ELECTRICAL TOOLS



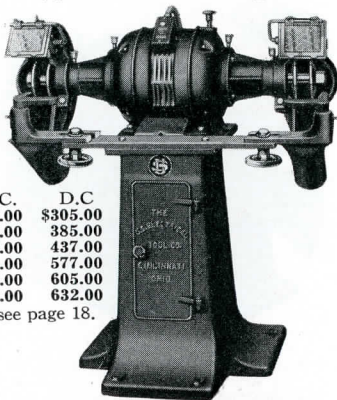
U. S. Heavy Duty Grinders
 12" x 2", 12" x 3", 14", 16", 18" and 20"
Model 10—2 Ball Bearing



H.P.			A.C.	D.C.
2	12"x2"	C	\$250.00	\$280.00
3	12"x3"	C	284.00	350.00
5	14"x3"	C	325.00	398.00
7½	16"x2"	C	403.00	525.00
7½	18"x3"	C	425.00	550.00
7½	20"x3"	C	445.00	575.00

These grinders are designed for continuous production service.

Model 20, Wide Type—4 Ball Bearing



			A.C.	D.C.
2	H.P., 12"x2"	C	\$275.00	\$305.00
3	H.P., 12"x3"	C	315.00	385.00
5	H.P., 14"x3"	C	358.00	437.00
7½	H.P., 16"x2"	C	443.00	577.00
7½	H.P., 18"x3"	C	467.00	605.00
7½	H.P., 20"x3"	C	489.00	632.00

For general specifications, see page 18.

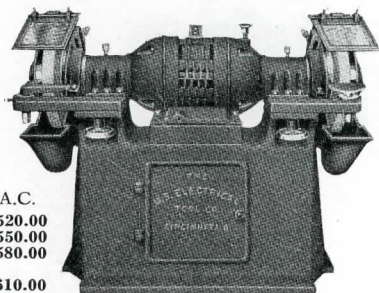


"The Good Mechanic's Choice"

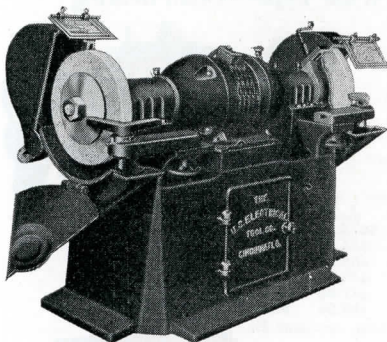
U. S. Heavy Duty Grinders Model 30 Constant Speed Grinder

Alternating
Current
Only

H.P.		A.C.
7½	16"x2"...C	\$520.00
7½	18"x3"...C	550.00
7½	20"x3"...C	580.00
7½	20"x3", 1800 R.P.M..C	610.00
10	24"x4"...C	735.00



Model 40 Four Ball Bearing Constant Speed Grinder



H.P. Ins.	A.C.
7½ 18x3. C	\$630.00
7½ 20x3. C	655.00
7½ 20x3, 1800 R. P.M. . . C	684.00
10 24x4. C	831.00
15 24x 4¾ . . . C	969.00
20 30x5. C	1305.00
20 30x3, 1200 R. P.M. . . C	1400.00

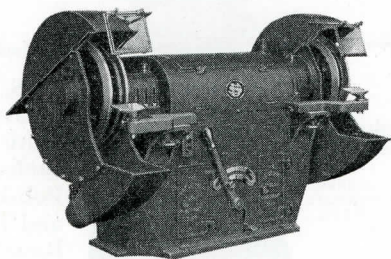
For general specifications, see page 18.

D.C. price on application.

UNITED STATES ELECTRICAL TOOLS



U. S. Model 65 Adjustable Speed Alternating Current Grinder



Pat. Nos. 1550712—1923760

The U. S. patented gear drive transmission is exceedingly efficient in power transmission as compared with flat belt, chain, V-belt, etc. It is positive in action and will not slip.

Model 65 grinders can be furnished with proper speeds for use with vitrified or high speed grinding wheels.

Model 65 for Vitrified Wheels

7½ H. P., 18"x2", A.C.....	C	\$1060.00
7½ H.P., 20"x2", A.C.....	C	1090.00
10 H.P., 24"x3", A.C.....	C	1180.00
15 H.P., 30"x3", A.C.....	C	1200.00

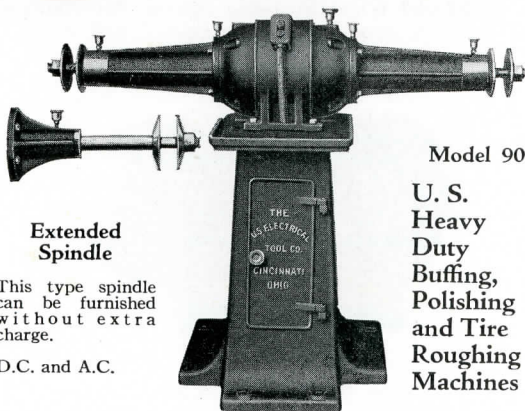
Model 65 for High-Speed Wheels

7½ H.P., 18"x2", A.C.....	C	\$1110.00
7½ H.P., 20"x2", A.C.....	C	1140.00
10 H.P., 24"x3", A.C.....	C	1280.00
15 H.P., 30"x3", A.C.....	C	1300.00

For general specifications, see page 18.



"The Good Mechanic's Choice"



Model 90

**U. S.
Heavy
Duty
Buffing,
Polishing
and Tire
Roughing
Machines**

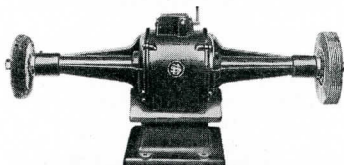
**Extended
Spindle**

This type spindle
can be furnished
without extra
charge.

D.C. and A.C.

Pedestal Polishers

$\frac{1}{2}$ H.P.	B	\$115.00	\$125.00
1 H.P.	B	165.00	185.00
2 H.P.	C	240.00	262.00
3 H.P.	C	284.00	350.00
5 H.P.	C	325.00	398.00
$7\frac{1}{2}$ H.P.	C	403.00	525.00
10 H.P.	C	475.00	675.00
15 H.P.	C	580.00	790.00
20 H.P.	C	680.00	895.00



Bench Type Polishers made in two sizes, $\frac{1}{2}$ and 1 H.P.

Bench Prices

	A.C.	D.C.
$\frac{1}{2}$ H.P.	\$ 95.00 B	\$105.00 B
1 H.P.	145.00 B	165.00 B

For general specifications, see page 18.

UNITED STATES ELECTRICAL TOOLS

"The Good Mechanic's Choice"



U. S. Model 95 Multi-Speed Buffer and Polisher

(A. C. Only) Built in 8 Sizes



Patent 1923760

Multi-Speed Buffer and Polisher

1	H.P., A.C.....	C	\$375.00
2	H.P., A.C.....	C	410.00
3	H.P., A.C.....	C	435.00
5	H.P., A.C.....	C	475.00
7½	H.P., A.C.....	C	550.00
10	H.P., A.C.....	C	625.00
15	H.P., A.C.....	C	730.00
20	H.P., A.C.....	C	830.00

WE have, for many years, been confronted with the problem of speeds in the Plating industry in the ever-increasing Alternating Current districts.

Because of the standards set in this industry, it has been most desirable to use speeds on buffing not available in directly connected units of Alternating Current of standard cycle.

As a result of this long need, our engineers have developed "Model 95," which, after long tests, we offer to you as a Heavy Duty Buffer, extremely simple in design, positive in action, and very flexible in speeds. There are four speeds, 2000, 2200, 2500 and 2700 R.P.M. which can be changed by shifting speed lever mounted on the front of the pedestal.

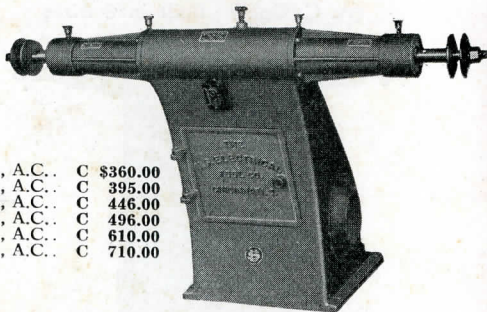
For general specifications, see page 18.

UNITED STATES ELECTRICAL TOOLS



"The Good Mechanic's Choice"

U. S. Heavy Duty Selective Speed Ball Bearing Buffers and Polishers



3	H.P., A.C..	C	\$360.00
5	H.P., A.C..	C	395.00
7½	H.P., A.C..	C	446.00
10	H.P., A.C..	C	496.00
15	H.P., A.C..	C	610.00
20	H.P., A.C..	C	710.00

Model 100 Single Spindle

(Note the overhanging spindle; allowing for free operation.)

Motor in base is ball bearing and rests on hinged platform with adjusting screw on outside, accessible for belt adjustment.

For general specifications, see page 18.

Model 110, Double Spindle—2 Motors



6	H.P., A.C. (2—3 H.P. motors)	C	\$555.00
10	H.P., A.C. (2—5 H.P. motors)	C	580.00
15	H.P., A.C. (2—7½ H.P. motors)	C	620.00
20	H.P., A.C. (2—10 H.P. motors)	C	720.00

UNITED STATES ELECTRICAL TOOLS